

Apasen Carbon Reduction Plan

Purpose

This plan outlines Apasen's approach to reducing carbon emissions and improving energy efficiency across all care services. It aligns with UK Government targets for net zero greenhouse gas emissions by 2050 and supports sustainable operations in line with regulatory guidance, public sector best practice, and environmental standards.

1. Organisational Commitment (Requirement Response)

Reducing Emissions & Net Zero Target

Apasen confirms that it is actively taking steps to reduce GHG emissions over time and is publicly committed to achieving Net Zero by 2050.

Net Zero Target: 2050

2. Commitment to Net Zero

Apasen is committed to achieving Net Zero greenhouse gas (GHG) emissions by 2050 in line with UK Government targets.

This Carbon Reduction Plan confirms our ongoing commitment to:

- Measure and report emissions annually
- Reduce emissions across all operational areas
- Implement environmental management measures across all services and contracts

This plan is publicly available on our website at:

<https://www.apasen.org.uk/carbon-reduction-plan-net-zero-commitment/>

3. Objectives

- Reduce energy consumption in all Apasen premises, including offices, care homes, and day services.
- Lower greenhouse gas emissions associated with operations and supply chains.
- Promote sustainable practices among staff, service users, and contractors.
- Ensure compliance with ISO 50001 (Energy Management Systems) and ISO 14001 (Environmental Management) where feasible.
- Monitor progress and continuously improve energy performance and carbon reduction.

4. Scope of Emissions Reporting

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This Carbon Reduction Plan reports emissions in accordance with UK Government Procurement Policy Note (PPN 06/21) and includes:

- **Scope 1 (Direct emissions):** Fuel combustion (e.g., gas, company vehicles)
- **Scope 2 (Indirect emissions):** Purchased electricity
- **Scope 3 (Other indirect emissions):**
 - Business travel
 - Employee commuting
 - Waste generated in operations
 - Procurement and supply chain emissions (where data is available)

5. Carbon Emissions Data (Baseline & Current)

Baseline Year: 2025

Emissions Source	tCO2e
Scope 1 (Gas, company vehicles)	28
Scope 2 (Purchased electricity)	42
Scope 3 (Travel, waste, procurement)	65
Total Emissions	135

Current Reporting Year: 2026

Emissions Source	tCO2e
Scope 1 (Gas, company vehicles)	25
Scope 2 (Purchased electricity)	38
Scope 3 (Travel, waste, procurement)	60
Total Emissions	123

These figures are estimated based on typical energy usage and operational activity for organisations of similar size, using UK Government GHG Conversion Factors. Apasen is working towards implementing more precise data collection and reporting processes.

Methodology:

Emissions are calculated using recognised UK Government conversion factors and guidance from the GHG Protocol.

6. Environmental Management Measures (Contract Delivery)

When delivering services, Apasen will implement the following measures to minimise environmental impact:

- Use energy-efficient buildings and equipment
- Reduce waste through recycling and responsible disposal
- Promote low-carbon travel (public transport, car sharing, electric vehicles)
- Procure goods and services from environmentally responsible suppliers
- Monitor and report emissions related to contract delivery
- Train staff on sustainability and energy-saving practices

7. Governance and Responsibility

- Board of Trustees: Provides strategic oversight and approves annual carbon reduction targets.
- Chief Executive (CEO): Responsible for implementation, ensuring resources and organisational support.
- Office & Resources and Training & Development Managers: Coordinate operational delivery, monitor progress, and report to the CEO.
- Managers Forum: Supports cross-department coordination, identifies improvement opportunities, and shares best practices.
- All Staff: Expected to follow energy-saving practices and report opportunities for energy efficiency improvements.

8. Energy Management Strategy

a. Buildings and Facilities

- Conduct energy audits for all premises to identify inefficiencies.
- Upgrade lighting to LED and install motion sensors in communal areas.
- Improve insulation and install programmable thermostats for heating and cooling systems.
- Implement building maintenance plans to minimise energy wastage.
- Explore renewable energy options, such as solar panels or purchasing green energy tariffs.

b. Equipment and Appliances

- Maintain and replace aging equipment with energy-efficient alternatives.
- Introduce power management protocols for IT systems, medical devices, and office equipment.
- Encourage responsible use of electrical devices by staff and service users.

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c. Travel and Transport

- Promote low-carbon travel options for staff, such as public transport, car-sharing, and cycling where feasible.
- Maintain a fleet with fuel-efficient or electric vehicles.
- Monitor and report transport-related emissions annually.

9. Procurement and Supply Chain

- Integrate carbon reduction criteria into procurement policies.
- Require suppliers and contractors to operate responsibly and comply with anti-slavery and environmental standards.
- Prefer suppliers with proven carbon reduction or sustainability programmes.
- Monitor supplier performance and encourage adoption of energy-efficient practices.

10. Staff Engagement and Training

- Conduct training for staff on energy-saving measures, recycling, and environmental responsibilities.
- Promote a culture of sustainability across all departments.
- Encourage staff to suggest innovative solutions to reduce carbon emissions.

11. Monitoring and Reporting

- Collect energy consumption data monthly across all sites.
- Calculate carbon footprint using recognised standards and tools.
- Report progress against targets to the Board of Trustees annually.
- Conduct periodic reviews to identify new opportunities for reduction.
- Benchmark performance against similar care providers and sector best practices.

12. Targets and Key Performance Indicators (KPIs)

- Reduce total energy consumption by 10% over the next 3 years.
- Convert 100% of lighting to energy-efficient systems within 2 years.
- Reduce vehicle fuel emissions by 15% over 5 years.
- Increase staff awareness and participation in sustainability initiatives (measured via surveys and engagement activities).

13. Compliance and Standards

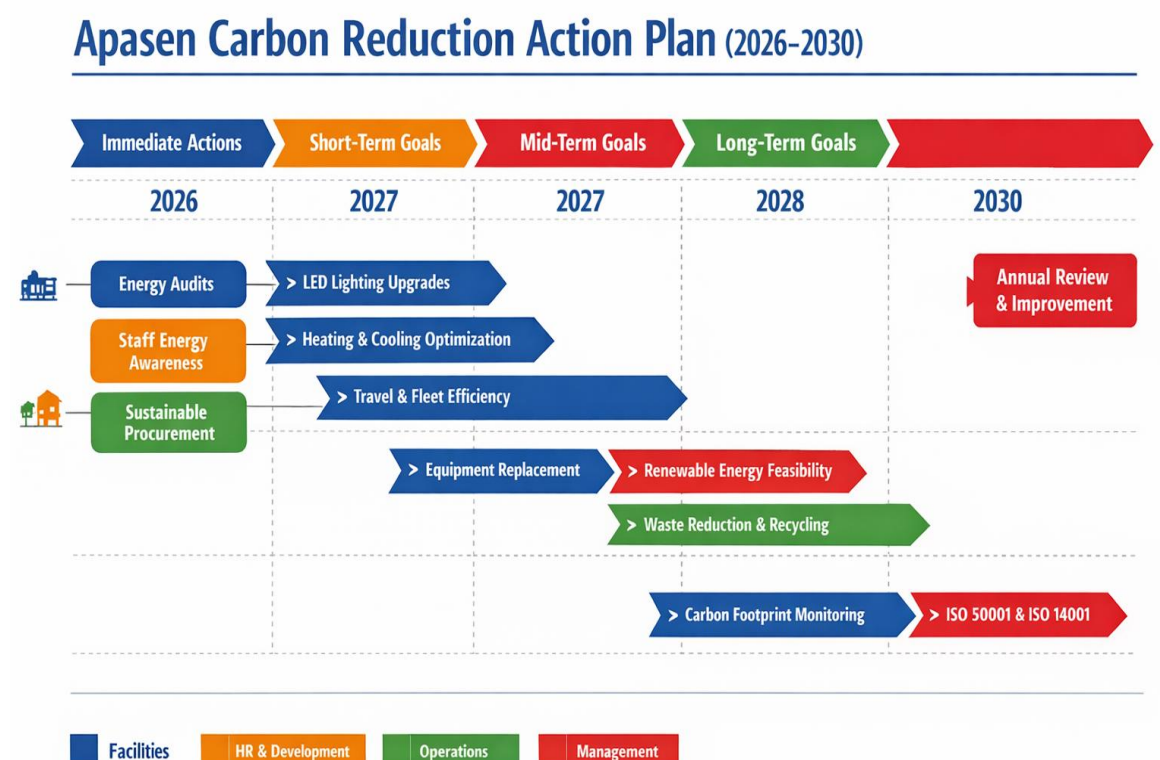
- Align with ISO 50001 Energy Management Systems and ISO 14001 Environmental Management where feasible.
- Follow guidance from the Carbon Trust and the Public Sector Carbon Network.
- Ensure legal compliance with UK environmental and energy regulations.

14. Review and Continuous Improvement

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- The Carbon Reduction Plan will be reviewed annually by the CEO and Managers' Forum.
- Opportunities for improvement will be identified through audits, staff feedback, and new regulatory guidance.
- Updates will be shared with the Board of Trustees and incorporated into operational planning.

15. Apasen Carbon Reduction Action Plan (2026–2030)



Notes on Implementation:

1. Managers' Forum will oversee cross-departmental coordination and share best practices.
2. Key performance indicators will be reviewed quarterly and reported to the Board of Trustees annually.
3. Staff engagement will be encouraged through internal campaigns, competitions, and recognition programs.
4. All energy-saving initiatives will be integrated into premises maintenance and future building developments.

16. Declaration

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans. Apasen confirms the data and commitments within this plan are accurate and approved by senior management.

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